

HTML DOM (Document Object Model)

Selectors, Creation, Manipulation, Deletion

<https://www.hongkiat.com/blog/dom-manipulation-javascript-methods/>

<https://www.tutorialrepublic.com/javascript-tutorial/javascript-dom-nodes.php>

- JS DOM Nodes
- JS DOM Selectors
- JS DOM Styling
- JS DOM Get Set Attributes
- JS DOM Manipulation
- JS DOM Navigation

HTML BOM – Browser Object Model

<https://www.tutorialrepublic.com/javascript-tutorial/javascript-window.php>

- JS Window
- JS Screen
- JS Location
- JS History
- JS Navigator
- JS Dialog Boxes
- JS Timers

Video Links

<https://www.youtube.com/watch?v=0ik6X4DJKCc>

<https://www.youtube.com/watch?v=FIORjGvT0kk&list=PL4cUxeGkcC9gfoKa5la9dsdCNpuey2s-V>

(Course - All Videos)

https://www.youtube.com/watch?v=eaLKqoB9Fu0&list=PLWKjhJtqVAbllLK6r2dnGjUVWB_cFNcuO

Assignments

- Here is a sample html file with a submit button. Now modify the style (color, background-color, font-size) of the paragraph para1 through javascript code.

Sample HTML file :

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <meta charset=utf-8 />
```

```
    <title>JS DOM paragraph style</title>
```

```
</head>
```

```
<body>
```

```
  <p id ='para1'>Simple Paragraph!</p>
```

```
  <button id="btnStyle">Style</button>
```

```
</body>
```

```
</html>
```

- Here is a sample html file with a submit button. Write a JavaScript function to get the value of the href, hreflang, rel, target, and type attributes of the specified link.

```
<!DOCTYPE html>
<html>
<head>
    <meta charset=utf-8 />
</head>
<body>
    <p><a id="a1" type="text/html" hreflang="en-us" rel="nofollow" target="_self"
        href="https://www.facebook.com/">facebook</a></p>
    <button>Click here to get attributes value</button>
</body></html>
```

- Write a JavaScript function to add rows to a table.

Sample HTML file :

```
<!DOCTYPE html>
<html>
<head>
    <meta charset=utf-8 />
    <title>Insert row in a table </title>
</head><body>
<table id="sampleTable" border="1">
    <tr>
        <td>Row1 cell1</td>
        <td>Row1 cell2</td>
    </tr>
    <tr>
        <td>Row2 cell1</td>
        <td>Row2 cell2</td>
    </tr>
</table><br>
<input type="button" value="Insert row">
</body>
</html>
```

- Write a JavaScript function that creates a table, accept row, column numbers from the user, and input row-column number as content (e.g. Row-0 Column-0) of a cell.

Sample HTML file :

```
<!DOCTYPE html>
<html>
<head>
    <meta charset=utf-8 />
    <title>Change the content of a cell</title>
<style>
    body {margin: 30px;}
</style>
</head>
```

```

<body>
  <table id="myTable" border="1">
  </table>
  <form>
    <input type="button" onclick="createTable()" value="Create the table">
  </form>
</body>
</html>

```

- Write a JavaScript program to remove items from a dropdown list.
Sample HTML file :

```

<!DOCTYPE html>
<html>
<head>
  <meta charset=utf-8 />
  <title>Remove items from a dropdown list</title>
</head>
<body>
<form>
  <select id="colorSelect">
    <option>Red</option>
    <option>Green</option>
    <option>Blue</option>
    <option>Black</option>
  </select>
  <input type="button" value="Select and Remove">
</form>
</body>
</html>

```

- Write a JavaScript program to get the width and height of the window (any time the window is resized).